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APPLICATION NO.	FILED DATE	PERSON/INVENTOR	ATTORNEY/DOCKET NO.	OFFICE FILE NO.
06/588,747	04/26/2006	Douglas J. Kim	06/02/132	0621

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EXAMINER

ABRAHAM ELSUM

APPLICANT OFFICE NUMBER

742

DATE MAILED: 05/13/2006

Please find below and or attached an Office communication concerning this application or proceeding.

Application No.

Applicant(s)

Inventor(s)

Attorney(s)

Office Action Summary

Examiner

Art Unit

Folson, Adrian

2121

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

Extension of time may be available under the provisions of 37 CFR 1.136(a) in the event a communication is not received by the Office by the expiration date of this shortened period.

After payment of the extended period fee, a period of not more than three (3) months will be granted within which to file a response. If the fee is not paid by the expiration date of the shortened period, the application will be deemed abandoned. If the fee is paid by the expiration date of the shortened period, the application will be deemed to have been filed on the date of payment of the fee. If the fee is not paid by the expiration date of the shortened period, the application will be deemed abandoned. If the fee is paid by the expiration date of the shortened period, the application will be deemed to have been filed on the date of payment of the fee. If the fee is not paid by the expiration date of the shortened period, the application will be deemed abandoned. If the fee is paid by the expiration date of the shortened period, the application will be deemed to have been filed on the date of payment of the fee.

Status

- 1) ☐ Responsive to communication(s) filed on _____
- 2a) ☐ This action is FINAL 2b) ☐ This action is non-final
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 O.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12, 29, 30, 32-36, 38-46, 48, 49, 64, 65 and 67-70 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-12, 38-45, 64, 65 and 67-70 is/are allowed.
- 6) ☒ Claim(s) 29, 30, 32-36, 46, 48, 49 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. (See 37 CFR 1.65.)
- 11) ☐ The proposed drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this communication.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (e):
a) ☐ All b) ☐ Some * c) ☐ None of
- 1 ☐ Certified copies of the priority documents have been received.
- 2 ☐ Certified copies of the priority documents have been received in Application No. _____.
- 3 ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) to a provisional application.
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1 ☐ Notice of References Cited (PTO Form 2)
- 2 ☐ Notice of Disasters in Patent Drawing Review (PTO Form 104)
- 3 ☐ Notice of Disasters in Patent Drawing Review (PTO Form 104)

- 4 ☐ Notice of Disasters in Patent Drawing Review (PTO Form 104)
- 5 ☐ Notice of Disasters in Patent Drawing Review (PTO Form 104)
- 6 ☐ Notice of Disasters in Patent Drawing Review (PTO Form 104)

Art Unit: 2826

Claims rejection

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

1. Claims **29,30,32-36** are rejected under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential steps, such omission amounting to a gap between the steps. See MPEP, § 2172.01. The omitted steps in independent claims 29,34 are: the passivation layer in relation to the color filters.

The claim indicates the formation of passivation layer that covers color filters before the formation of color filters. It further states that the color filters cover the data wires. But it is not clear how the cover could have been formed before the element that the cover covers. The language creates a confusing steps that seem to require an explanation or rearrangement of the claim language. It is important that the response clarifies the problem and to discuss if the steps are written as intended. In doing so, the response must also include how the color filters are formed after the passivation layer is put in place.

2. Claims **46,48,49** are rejected under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential structural cooperative relationships of elements, such omission amounting to a gap between the necessary structural connections. See MPEP, § 2172.01. The omitted structural cooperative relationships are: It is not clear what the expression "**gate wire including gate line and gate electrode connected to the gate line**" in claim 46 means. It is not clear how said gate line could be connected to itself as a portion of said gate wire.

Application Control Number 09 558,647

Page 3

Art Unit: 2826

Claims 1-12,38-45,64,65,67-70 have been allowed.

Any inquiry concerning this communication should be directed to Fetsum Abraham at telephone number (703) 305,3793, or by E-mail at *fetsum.abraham@uspto.gov*.

Any inquiry of a general nature or relating to the status of this application should be directed to the *SPE of AU*:2826 at (703)308-6601, or the *Group receptionist* at (703) 308-0956

Fetsum Abraham

1/7/03

